

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF HAWAII

In the Matter of)
)
HAWAIIAN ELECTRIC COMPANY, INC.)
HAWAII ELECTRIC LIGHT COMPANY, INC.)
MAUI ELECTRIC COMPANY, LIMITED)
)
For Approval of the Advanced Metering)
Infrastructure (AMI) Project and Request)
To Commit Capital Funds, to Defer and)
Amortize Software Development Costs,)
To Begin Installation of Meters and)
Implement Time-of-Use Rates, for)
Approval of Accounting and Ratemaking)
Treatment, and Other Matters)
_____)

DOCKET NO. 2008-0303

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PUBLIC UTILITIES
COMMISSION

HAWAII SOLAR ENERGY ASSOCIATION'S AND HAWAII RENEWABLE
ENERGY ALLIANCE'S INFORMATION REQUESTS TO HECO COMPANIES

AND

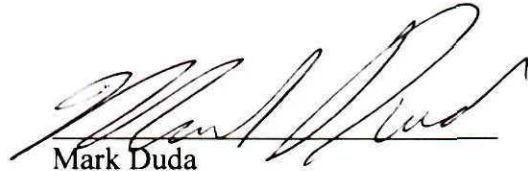
CERTIFICATE OF SERVICE

Pursuant to the Commission's Order Approving the HECO Companies' Proposed Procedural
Order filed on March 6, 2009, Hawaii Solar Energy Association (HSEA) and Hawaii Renewable Energy
Alliance (HREA) hereby submit the following Information Requests to the HECO Companies.

MARK DUDA
President
Hawaii Solar Energy Association
PO Box 37070
Honolulu, HI 96837
Telephone: (808) 735-1467
Fax: (808) 262-6602
mark@suntechhawaii.com

WARREN S. BOLLMEIER II
President
Hawaii Renewable Energy Alliance
46-040 Konane Place 3816
Kaneohe, Hawaii 96744
Telephone: (808) 247-7753
wsb@lava.net

DATED: Honolulu, Hawaii, May 8, 2009

A handwritten signature in black ink, appearing to read "Mark Duda", written over a horizontal line.

Mark Duda
President
Hawaii Solar Energy Association

A handwritten signature in black ink, appearing to read "Warren Bollmeier", written over a horizontal line.

Warren Bollmeier
President
Hawaii Renewable Energy Alliance

DOCKET NO. 2008-0303

**HSEA/HREA's INFORMATION REQUESTS TO HAWAIIAN ELECTRIC
COMPANY REGARDING ITS PROPOSAL ON FEED-IN TARIFFS AMI/TOU**

In order to expedite and facilitate HSEA's ("HSEA") review and analysis in the above matter, the following is requested:

HSEA/HREA IR1: Please provide more detail on the short and long term goals of the combined AMI/TOU application, and the timelines and cost savings (if any) associated with these goals including:

- a. How does the proposed peak vs. non-peak structure accomplish load shifting?
- b. Does any shifting of load reduce the cost of service? If so, please provide information on the magnitude of this savings and the specific mechanisms through which it is realized.
- c. Does the value realized via cost of service gains vary over the course of day? If so, please provide information on the magnitude of the variation in these savings and the specific mechanisms through which they are realized.
- d. Is reducing use a goal?
- e. If reducing use is a goal, please explain how the HECO Companies proposal is more or less effective at reducing use than inclining block rates.
- f. If reducing use is a goal, do the HECO companies plan to implement a specific program on each island or for each utility?
- g. Would any such programs to reduce use involve determining desired load reductions by customer class?

HSEA/HREA IR2: TOU and Inclining Block Rates

- a. Have the HECO Companies considered mechanisms besides time of use rates in order to accomplish the short and long term goals discuss in HSEA/HREA IR1? If so, please list and describe these other mechanisms, and explain why time of use is preferable for accomplishing each of these goals.

- b. How, if at all, will TOU rates be related to and/or co-implemented with inclining block rates?
- c. How will TOU rates be implemented with respect to inclining block rates by customer class?
- d. What is the timeline for doing so?

HSEA/HREA IR3: With respect to demand response:

- a. Will the HECO Companies implement a demand response program?
- b. If so, how will that be accomplished?
- c. If so, what is the timeline for doing so for each utility?
- d. If so, which customer classes will be affected?
- e. If so, what is the budget for any demand response programs?

HSEA/HREA IR4: How will the HEC Companies' time of use programs proposed in this docket be coordinated with the following:

- a. Time of use efforts underway between the HECO Companies and the Department of Defense?
- b. Other DOD programs intended to shift load or reduce use through pricing?
- c. The activities of the Public Benefits Fee Administrator?

HSEA/HREA IR5: Please list in detail any additional costs that ratepayers with advanced meters will have to bear. (i.e., will a ratepayer need to purchase, rent, lease, or license any additional hardware or software following the installation of an advanced meter at his/her location in order to fully implement the system?)

HSEA/HREA IR6: Will a ratepayer be required to opt in to TOU billing structure in order to receive an advanced meter?

HSEA/HREA IR7: Please describe in detail the process for a ratepayer opting in to TOU billing.

HSEA/HREA IR8: For the following list, please describe the process through which the HECO Companies evaluated each list item, the criteria involved in evaluation of competing options, and the relative merits of the selected technologies in relation to alternatives that were not selected:

- a. The proposed software systems
- b. The proposed hardware systems
- c. The overall system comprised of the proposed hardware and software systems

HSEA/HREA IR9: Can the HECO companies proposed metering system capture and calculate the following:

- a. Total energy used on site?
- b. Total energy exported to the grid?
- c. Total output of the customer generators system?
- d. Total energy delivered to the customer via the grid
- e. Net sales

HSEA/HREA IR10: With respect to items a/b/c/d/e in HSEA/HREA IR9, can this information be captured by the time at which it occurs?

HSEA/HREA IR11: Do the HECO Companies intend to propose any time-of delivery tariff regimes in this docket? In other existing dockets? In dockets not yet filed?

HSEA/HREA IR12: Please describe the justification for the HECO Companies' proposed periods for TOU billing.

HSEA/HREA IR13: Please describe the justification for the magnitude of variation in pricing for different periods under TOU billing.

CERTIFICATE OF SERVICE

The foregoing Information Request was served on the date of filing by
mail, postage prepaid and properly addressed to the following:

CATHERINE P. AWAKUNI
Executive Director
Division of Consumer Advocacy
Department of Commerce and Consumer Affairs
335 Merchant Street, Room 326
Honolulu, Hawaii 96813

DEAN K. MATSUURA
Manager, Regulatory Affairs
Hawaiian Electric Company, Inc.
P. O. Box 2750
Honolulu, Hawaii 96840-0001

THOMAS W. WILLIAMS, JR., ESQ.
DAMON SCHMIDT, ESQ.
PETER Y. KIKUTA, ESQ.
Goodsill Anderson Quinn & Stifel
1800 Alii Place
1099 Alakea Street
Honolulu, Hawaii 96813

Counsel for HECO Companies

HENRY Q CURTIS
KAT BRADY
Life of the Land
76 North King Street, Suite 203
Honolulu, Hawaii 96817

WARREN S. BOLLMEIER II
President
Hawaii Renewable Energy Alliance
46-040 Konane Place 3816
Kaneohe, Hawaii 96744

MARK DUDA
President
Hawaii Solar Energy Association
P. O. Box 37070
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Mark Duda, President

Hawaii Solar Energy Association

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Warren Bollmeier, President

Hawaii Renewable Energy Alliance